VERTE.032CPCCC1D **PATENT**
Serial No. 10/726,774
Response to Office Action of November 15, 2005

Amendments to the Claims

The following listing of the claims is intended to replace all previous versions and/or listings of the claims in the present application:

Claim 1. (Currently Amended) A method of processing a thin, flat substrate having two generally planar opposite sides, comprising: supporting the substrate in a substantially horizontal orientation; ~~and transmitting sonic energy to the substrate while~~ flowing liquid onto both planar sides of the substrate; transmitting sonic energy to the liquid on one planar side of the substrate so that the sonic energy passes through substrate and to the opposite planar side of the substrate, thereby ~~to~~ loosening particles on both sides of the substrate while maintaining said substantially horizontal orientation.

Claim 2. (Currently Amended) The method of claim 1, further including positioning a transmitter adjacent to the one side of the substrate to transmit said energy through the liquid to the substrate.

Claim 3. (Previously Presented) The method of claim 2 wherein said one side is an upper side of the substrate.

Claim 4. (Original) The method of claim 1, wherein said energy is megasonic energy.

Claim 5. (Currently Amended) A method of cleaning a thin articles having two generally planar opposite sides, said method comprising: applying cleaning fluid to one of said sides while supporting said article in a substantially horizontal orientation; positioning a transmitter adjacent to the other one of said planar sides of the substrate; and applying energy to the other one of said sides via the transmitter with sufficient power to produce vibration on said one side in an area of said cleaning fluid to loosen particles on said one side, while maintaining said substantially horizontal orientation.

Claim 6. (Previously Presented) The method of claim 5, wherein said energy is applied by applying cleaning fluid to said other side of the article to couple said vibration to the article so as to loosen particles on both sides of the article simultaneously.

Claim 7. (Original) The method of claim 6, wherein said energy is applied by an energy transmitter closely spaced from said other side.

Claim 8. (Previously Presented) The method of claim 7 wherein said other side is an upper side of the article.

Claim 9. (Original) The method of claim 5, wherein said vibration is at one or more megasonic frequencies.

Claim 10. (Original) The method of claim 5 wherein said energy is applied by an energy transmitter closely spaced from said other side.

Claim 11. (Previously Presented) The method of claim 10 wherein said other side is an upper side of the article.